EXISTING SIGNS TO REMAIN

15,18, 21,24 — ONLY
22 — ONLY
25 — NORTH MARYLAND 5
27 — SOUTH MARYLAND 5
28 — NORTH MARYLAND 5
26 — SOUTH MARYLAND 5
17
20,23 — Branch AVE — DUAL FACE
16,19 — Brandywine RD — DUAL FACE

MD 5 (BRANCH AVENUE) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS TO REMAIN

1,2, 5,6 — R Y G — 12"
3,4,7, 8,11,14 — R Y G — 12"
9,10, 12,13 — R Y G — 12"

EXISTING VIDEO DETECTION ZONES

a,b,c,d,e

EXISTING VIDEO DETECTION CAMERAS

a,b,c,d,e

PROPOSED OPTICOM DETECTORS

A,B

NEMA PHASING

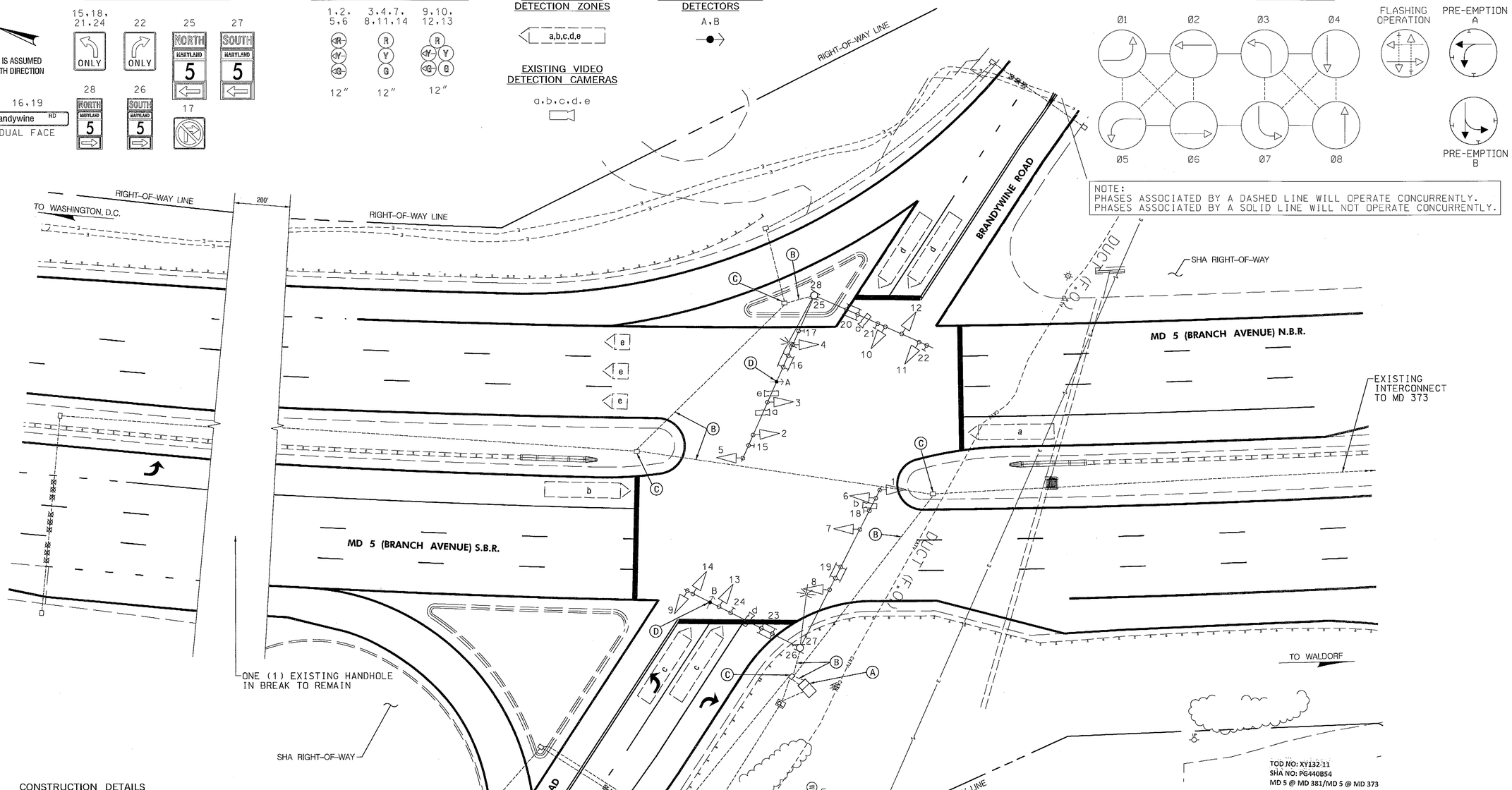
Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø7 Ø8

FLASHING OPERATION

PRE-EMPTION A

PRE-EMPTION B

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



TOD NO: XY132-11
SHA NO: PG440B54
MD 5 @ MD 381/MD 5 @ MD 373

CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL DISCRIMINATOR MODULE IN CABINET.
B. USE EXISTING CONDUIT.
C. USE EXISTING HANDHOLE.
D. INSTALL OPTICOM DETECTOR ON EXISTING SIGNAL MAST ARM, AS SHOWN.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

20' 0 20' 40'
SCALE: 1" = 20'

SABRA, WANG & ASSOCIATES, INC.
7055 SAMUEL MORSE DRIVE
SUITE 100
COLUMBIA, MD 21046
(443) 741-3500
WWW.SABRA-WANG.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

1 INSTALL OPTICOM — TIMS NO. L632 — 01-2013
SHA NO. XY132B85 — SWA — CJW
F REBUILD SIGNAL WITH MAST ARMS — SHA NO. PG175B21 — 02-2009
SWA | ER | DD | RB | DD | WH | TH
E RECONFIGURE EB MD 381 TO A SHARED LEFT/RIGHT AND RIGHT TURN LANE — SHA NO. BW996M82 — 04-2007
FDB | JWB | MR | MR | WA | TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 5 (BRANCH AVENUE) AT BRANDYWINE ROAD
BRANDYWINE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' | DATE 09-29-1977 | CONTRACT NO. P563-501-385

DESIGNED BY L. SPENCE | COUNTY PRINCE GEORGE'S
DRAWN BY H. KILIAN JR. | LOGMILE 16000503.11
CHECKED BY | T.I.M.S. NO.
F.A.P. NO. | TOD NO.

TS NO. 1526 G | DRAWING NO. pSG OF P001 | SHEET NO. 1 OF 2

PLOTTED: Friday, January 04, 2013 AT 01:13 PM
FILE: R:\2008\73 SHA BCS 2008-05A_TEDD DESIGN_STV_JV__$SM\Task 226 MD 5 Opticom\Dgn\pSG-P001_L632.dgn

BY: khenson